

20051009.ba v03_n849.bam.20051009

>From ???@??? Sun Oct 9 08:31:17 2005 -0500
Date: Sun, 9 Oct 2005 08:30:41 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3849
Message-Id: <20051009133042.97CEB4082D@srvr1.theporch.com>

BOATANCHORS Digest 3849

Topics covered in this issue include:

- 1) Fwd: SK de W2HBE
by John Dilks K2TQN <oldradio@worldnet.att.net>
- 2) FS: TRIPP PR-40 13.8VDC/40A Bench Power Supplies
by WA5CAB@cs.com
- 3) ADMINISTRIVIA: Using The Archives
by listown@nanniandjack.com (Mail List Owner)
- 4) National f/s
by Bob Kemp <bkemp@bobkemp.com>
- 5) Re: Fwd: SK de W2HBE
by stuck in 50s <polepeeg@ba-watch.org>
- 6) Report on CW Classic Exchange
by "James C. Garland" <4cx250b@muohio.edu>
- 7) Help SR400
by "Bob Kemp" <bkemp@bobkemp.com>
- 8) Wanted: Hallicrafters SR400 Manual
by Bob Kemp <bkemp@bobkemp.com>
- 9) Re: Help SR400
by Henry van Cleef <vancleef@eskimo.com>
- 10) BC342N for sale.
by "John Gibson" <gibsonj@mindspring.com>
- 11) Radial vs axial Caps
by "b. smith" <smithab11@comcast.net>
- 12) Re: Radial vs axial Caps
by "John K9UWA" <k9uwa@arrl.net>
- 13) Audio OUtpuT xfmr
by "Bob Kemp" <bkemp@bobkemp.com>
- 14) Re: Radial vs axial Caps
by WA5CAB@cs.com
- 15) Re: Radial vs axial Caps
by "Tom Rauch" <w8ji@contesting.com>
- 16) meters for transmitters for sale
by Brian K Harris <brian.k.harris@philips.com>
- 17) meters for transmitters for sale
by Brian K Harris <brian.k.harris@philips.com>
- 18) Re: Audio OUtpuT xfmr (Halli SR-400)

by Edward Knobloch <k4pf@juno.com>
19) Re: Audio OUtput xfmr (Halli SR-400)
by "Arden Allen" <gumbear@pacbell.net>
20) Re: Radial vs axial Caps
by "Arden Allen" <gumbear@pacbell.net>

Message-Id: <6.2.3.4.0.20051004092755.03dde3f0@ipostoffice.worldnet.att.net>
Date: Tue, 04 Oct 2005 09:31:41 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: John Dilks K2TQN <oldradio@worldnet.att.net>
Subject: Fwd: SK de W2HBE
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

to all,

Sorry to have to pass sad news to you. Our friend Bob Dennison, W2HBE, has become a Silent Key.

I heard he was not feeling well about a month ago, but not heard anything since. I didn't hear about his passing until yesterday when I received this email from his friend Joe Duffin, W2ORA.

In case you didn't know Bob, he was a prolific author writing about the radios he built, in QST, the OTB and Electric Radio magazines, for decades. He will be missed.

73, John Dilks, K2TQN

>From: W2ORA@aol.com
>Date: Mon, 3 Oct 2005 19:58:59 EDT
>Subject: sk de w2hbe
>To: k2tqn@arrl.org

>
> sorry to report that w2hbe bob dennison has died
> there was a fine
> memorial service at baptist church in haddon height
> last week 5 hams were there w2pau &
> w2ora were there the minister & his wife were
> both hams they were missionaries in a dx land 4
> 30 years
>
> U MAY ALREADY KNOW ABOUT W2HBE U HAD A GREAT
> WRITE ABOUT HIM
> IN QST ABOUT BOB THANK U VERY MUCH 73 GOD
> BLESS TO ALL JOE W2ORA

From: WA5CAB@cs.com
Message-ID: <1da.45b657f9.3074a1dd@cs.com>
Date: Tue, 4 Oct 2005 23:26:21 EDT
Subject: FS: TRIPP PR-40 13.8VDC/40A Bench Power Supplies
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_1da.45b657f9.3074a1dd_boundary"

--part1_1da.45b657f9.3074a1dd_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Groups,

Have two, These have sat on my patio since Chevron swallowed Gulf Oil. Had to move them for Rita. They are not going back on the patio. \$60.00 plus shipping, OBO. Probably unused but some chips in the black wrinkle finished covers. Checked working but no schematics or docs (except for the worthless bulletin that lists the ratings and models). Bipolar pass elements (T0-3 case x 4) and bridge diodes (DO-1 x 4) on heat sinks on the back. Output terminals are multi-purpose banana/binding posts (I'd probably change those if I were going to use them) Quite heavy (lots of iron in the transformer). No meters or controls on the front panel except for ON/OFF switch and indicator lamp.

Our next heavy trash day is 14 October.

Robert Downs - Houston
<<http://www.wa5cab.com>> (Web Store)
MVPA 9480
<wa5cab@cs.com> (Primary email)
<wa5cab@houston.rr.com> (Backup email)

--part1_1da.45b657f9.3074a1dd_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *

* * * * *

--part1_1da.45b657f9.3074a1dd_boundary--

From: listtown@nanniandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Using The Archives
Date: Wed, 5 Oct 2005 11:15:00 -0700 (PDT)
Message-Id: <20051005181500.E0B1416005@osr506.nanniandjack.com>

Gang-

!!!THIS INFORMATION HAS CHANGED!!!!

!!!SAVE THIS FILE FOR FUTURE REFERENCE!!!!!!

This periodic post is designed to help everyone gain more value from their boatanchors subscription.

Often I receive an email request, or I read on the list, of someone who is aware there is an archive available with some special files with special information that is of a more permanent nature than a post to the list, but who is unaware of how to retrieve these gems.

In the archives, there are cross-reference tables for Tubes, Military Equipment Nomenclature, suggestions for restorations and modifications to our beloved fire bottle rigs, and some wonderful stories of real adventures and the people involved.

These files may be accessed by the Web... quickly and easily.
These files can also be accessed by email.

For WWW access:

- go to <http://www.theporch.com>
- select "Mailing List Web Interface"
- on your first time there, click "Register For Full Account"
- follow the instructions, and BE SURE you use the email address that you have your BoatAnchors mail addressed to -- this interface will work ONLY for members of the list!

Once registered, you can:

- search the archives of previous posts (so far we haven't loaded all the previous posts online, but that is in the works;
- download the index of files;
- retrieve individual files
- manage your subscription via the web interface

AWESOME!

For email access:

Step One:

send an email (leave the subject blank, or, if your mailer requires a subject, type a single character, like "a" in the subject box) to:

listproc@sco.theporch.com

Step Two:

in the body type:

index boatanchors

NOTE: The index **includes** all the previous articles now available through the web interface, so the index is HUGE and difficult to search -- the web interface is much easier.

Step Three:

after checking out the index for files of interest, and finding the one or more you want to have sent to you, send another email to:

listproc@sco.theporch.com

and, in the body, type:

get boatanchors file.name

where you substitute the name of the file from the index for "file.name"

This should get you off to a good start. If you encounter any problems, please let me know at the address below.

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -

listtown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Wed Oct 5 11:15:00 PDT 2005

Message-ID: <4344944F.7050902@bobkemp.com>

Date: Wed, 05 Oct 2005 22:04:47 -0500

From: Bob Kemp <bkemp@bobkemp.com>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: National f/s

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

Have a NCX-3 with power supply. Bit rough but operational. \$100 shipped.
First \$100 get's it.

Bob
wa0vrc

Date: Thu, 6 Oct 2005 07:10:43 -0400 (EDT)
From: stuck in 50s <polepeeg@ba-watch.org>
Message-Id: <200510061110.j96BAhF2003201@fracas.netboobie.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Fwd: SK de W2HBE

John I just read about Riverside Bob's check-out.

Wondered why he didn't appear in CX. Revolting developement as to why

Tnx sad news,

Marty

Message-Id: <6.2.3.4.2.20051006072159.01fb7940@po.muohio.edu>
Date: Thu, 06 Oct 2005 08:20:45 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@muohio.edu>
Subject: Report on CW Classic Exchange
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

This year, my XYL was out of town and the dogs were at a friend's house, so I had the whole day to devote to CX. I decided to start with a Lysco 600S and homebrew receiver, while warming up my FPM-200 (which takes an hour or two to come up to full output -- it has a sleepy sidetone oscillator, which generates the CW signal). The Lysco knocked me off the chair the first time I keyed it, thanks to 500V across the key terminals. I should have noticed the 1/8 inch arc across the key cotacts, but my mind was elsewhere. Also, it had terrible key clicks, which at the time I assumed was normal.

Still, thowing out all caution, I started the contest on 40m by working Joel W3ZI in syracuse, who had a nice BC459/75A4 combo, and then Rob K2WI, running several military setups. Rob started with a Navy TCK/RBC combo, then switched to a TBW/RBM. Later, I worked him again on 20m, running a RAL/TCS. Rob is surely the winner of the Black Wrinkle Panel award.

The Lysco manual sets the standard for lack of information, but eventually I was able to figure out that the key grounds the negative of the HV supply (euphemistically called "bocked grid keying"), with

a 1.25K resistor across the key jack that is supposed to keep the HV from soaring. Turns out the resistor was missing. I patched a resistor across the key with clip leads, and, voila, the voltage dropped down to 50V, the arc disappeared, and the cw note lost its tweety-bird sound.

By this time, the FPM-200 had warmed up, but when I turned the bandswitch to 20 meters, nothing happened. So out of the cabinet it came, where I found a dial cord (nice metal type) had slipped off a pulley. An easy fix. While I had the radio out of the cabinet, I looked for the sidetone oscillator, but found it buried behind the front panel. Fixing it, I decided, was a project for another day. Still, what a beauty that radio is! If you've never seen the insides, the FPM-200 is a marvel -- lots of gears and neat mil-spec packaging, plus heavy glass-epoxy double-sided circuit boards. It really blew me away to see "copyright 1959" etched on all the boards. That radio was AT LEAST a decade ahead of its time.

By this time, it was past noon and the bands were slumping. Still I worked Howie, who I ALWAYS hear first, running a....Kenwood TS-440S?, which I'm sure must have embarrassed him greatly. Hey Howie, what happened to the Hartley oscillator?

By now I had worked five stations and was exhausted (great contester that I am), so it was time for a nap. When I came to, it was mid-afternoon and 40m was in the doldrums. So I tried putting the Lysco on 20m, but found my homebrew receiver didn't want to work on 20, so I ditched those plans and moved the now-warmed-up FPM-200 onto the table. My first contact was Jim W8KGI, who worked me with an Apache/NC303 combination, followed by an AF68/SX28A. (Later, I worked Jim again on 40m, but by then he had ditched the NC303 and replaced it with an HR05. And then, later still, I worked Jim running a couple of WRL transmitters.) Twenty meters was murder, however, because of a CA QSO party and some other dumb contest, with a kazillion stations calling CQ, so I moved back to 40m and waited for it to awaken.

As the afternoon went on, activity really picked up. I talked to Mac WQ8U, operating from a new QTH in NC, who was running Drake twins, plus a bunch of other guys running Drake, Collins, EFJ, Multi-Elmac, Globe Scouts and Kings, and so forth. Bill K4JYS was making a serious effort with several rigs, including a 1946-ear homebrew 6L6 transmitter. Another neat signal came from Taylor W4APB, whose rock-bound Central Electronics CE20A (with an RME45) had a beautiful, mellow sound.

Two other stalwarts I always work on CX are Rocco, N6KN, who was running a nice SR400A, and my buddy, Marty, AA4RM, who was operating a nice Collins station 32V3/51J4 pair. (Hey Marty, Isn't running

Collins gear on CX a bit like going fishing with a hand grenade?) I worked Marty with my Lysco, but signals were weak and QRM was strong, so when I switched to my FPM-200, he couldn't hear me.

My last contact was at 8:40pm, with Jerry, K5PSH (Drake 2NT/2B), and by then the band was swarming with CX stations. My apologies to all the guys I missed.

All in all, this was a fun day, even if I did get a very polite email from a ham who wanted me know that my FPM-200 had a "slight chirp." Actually, I was highly insulted. My FPM-200 is the CROWN PRINCE OF CHIRPS! Ain't no rig that can chirp better than it does.

73,

Jim W8ZR

Message-ID: <002f01c5cabb\$ce25b540\$6401a8c0@radio>
From: "Bob Kemp" <bkemp@bobkemp.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Help SR400
Date: Thu, 6 Oct 2005 16:20:38 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Need a little help: There's a 5 watt resistor on the screen voltage going to the 6HF5's on my SR400. All I have is a SR400A schematic. What's the value of that resistor...mine is fried and I think it shows 67ohms? Is that right? I've got a Galaxy with 6HF5's and that uses 100ohms in the same position....so I'm suspecting that is correct?
Bob

Message-ID: <4345D734.3040600@bobkemp.com>
Date: Thu, 06 Oct 2005 21:02:28 -0500
From: Bob Kemp <bkemp@bobkemp.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Wanted: Hallicrafters SR400 Manual
Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

Anyone have an original manual for a SR400?

Bob

wa0vrc

From: Henry van Cleef <vancleef@eskimo.com>
Message-Id: <200510070250.TAA20376@eskimo.com>
Subject: Re: Help SR400
To: Old Tube Radios <boatanchors@theporch.com>
Date: Thu, 6 Oct 2005 20:50:12 -0600 (MDT)
Cc: boatanchors@theporch.com (Old Tube Radios)
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The esteemed Bob Kemp has said:

>
> Need a little help: There's a 5 watt
> resistor on the screen voltage going to the
> 6HF5's on my SR400. All I have is a SR400A
> schematic. What's the value of that
> resistor...mine is fried and I think it
> shows 67ohms? Is that right?
> I've got a Galaxy with 6HF5's and that uses
> 100ohms in the same position....so I'm
> suspecting that is correct?
> Bob

>
I don't have a schematic, but looking up a 6HF5 (TV Horizontal amplifier Compactron) and looking at typical values, a resistor of 50-100 ohms in the screen feed would serve only as a parasitic suppressor. The values given for screen current range from 4.5 ma. with -25V on the control grid 175V on the plate, and 125V on the screen, to 34 ma. with 0 volts on the control grid and the plate down to 70 volts (the knee point). You should not need a 5 watt there, and the only thing that I can think of that would have taken out the original would be a screen-cathode short (damage in the cathode circuit too?).

For a squeal-stopper, value is not critical. If you've got a similar design "ferinstance" showing 100 ohms, probably a 93 would be just fine. Even with 100 ma. flowing in that circuit, dissipation is under a watt.

Hank

--

Hank van Cleef (vancleef@eskimo.com, hvanclee@nyx.net)
1986 420SEL "A stranger in paradise" (Fremont Co. Wyoming)
1986 GMC 1500 6.2 diesel pickup "Seen one, seen them all"

Date: Fri, 07 Oct 2005 10:37:53 -0700
Subject: BC342N for sale.
From: "John Gibson" <gibsonj@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Message-Id: <E1ENwB1-00066h-00@pop05.mail.atl.earthlink.net>

Here is a project for someone in the San Francisco area. The RA20 power supply (provided) needs connecting up. At that point it may work or need trouble shooting. In either case you will end up with an exceptionally good condition receiver. The paint is excellent and there is no corrosion or dents.

This is heavy so buyer must pick up. \$90 with manual. email for jpeg photos.

John, in Berkeley, California.

Message-ID: <000801c5cc21\$d7446ce0\$94f02144@Denroom>
From: "b. smith" <smithab11@comcast.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Radial vs axial Caps
Date: Sat, 8 Oct 2005 12:03:33 -0400
MIME-Version: 1.0
Content-Type: multipart/mixed;
boundary="-----_NextPart_000_0005_01C5CC00.4E217910"

This is a multi-part message in MIME format.

-----_NextPart_000_0005_01C5CC00.4E217910
Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=original
Content-Transfer-Encoding: 7bit

There was some discussion on one of the lists concerning a caution on bending the leads of a radial capacitor 90 degrees and using it to replace an axial lead cap, could some one give me the reference or information. BTW I do agree don't do it.

Breck k4che

Dover, Delaware
Annt nutten in Dover except
Chickens, a NASCAR track,
and hams that can't solder.

-----=_NextPart_000_0005_01C5CC00.4E217910
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=_NextPart_000_0005_01C5CC00.4E217910--

From: "John K9UWA" <k9uwa@arrl.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 08 Oct 2005 11:47:44 -0500
MIME-Version: 1.0
Subject: Re: Radial vs axial Caps
Message-ID: <4347B1E0.13477.FDD5163@ORCPT>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Ah.. is there some problem with those electrons not wanting to go
around sharp corners?..

As long as you don't bend the lead in such a fashion as to break the
seal on the part I guess I fail to see where it would be a problem!
John k9uwa

> There was some discussion on one of the lists concerning a caution on
> bending the leads of
> a radial capacitor 90 degrees and using it to replace an axial lead cap,
>BTW I do agree don't do it.

>
> Breck k4che
John Goller, K9UWA & Jean Goller, N9PXF
Antique Radio Restorations
k9uwa@arrl.net
Visit our Web Site at:
<http://www.JohnJeanAntiqueRadio.com>
4836 Ranch Road
Leo, IN 46765
USA
1-260-637-6426

Message-ID: <000701c5cc32\$21adda40\$6401a8c0@radio>
From: "Bob Kemp" <bkemp@bobkemp.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Audio OUtput xfmr
Date: Sat, 8 Oct 2005 13:00:12 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm in need of an audio output transformer
for my SR400. The audio output tube is a
6AQ5 and I though antique electronic supply
has a suitable replacement...but which one?
Bob

From: WA5CAB@cs.com
Message-ID: <110.53d12ef9.30796364@cs.com>
Date: Sat, 8 Oct 2005 14:01:08 EDT
Subject: Re: Radial vs axial Caps
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_110.53d12ef9.30796364_boundary"

--part1_110.53d12ef9.30796364_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

John,

Your "As long as..." is exactly why you don't want to do it. Besides which
there's no need to use orange drops (unless you just like having you sets look

like a 60's TV). Plenty of new (and newer) axial lead tubulars and flats out there. Fair sells a line of them that I stock for many applications.

In a message dated 10/8/2005 11:55:39 AM Central Daylight Time,
k9uwa@arrl.net writes:

> Ah.. is there some problem with those electrons not wanting to go
> around sharp corners?..
>
> As long as you don't bend the lead in such a fashion as to break the
> seal on the part I guess I fail to see where it would be a problem!
> John k9uwa
>

Robert Downs - Houston
<<http://www.wa5cab.com>> (Web Store)
MVPA 9480
<wa5cab@cs.com> (Primary email)
<wa5cab@houston.rr.com> (Backup email)

--part1_110.53d12ef9.30796364_boundary
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* * * * *
```

--part1_110.53d12ef9.30796364_boundary--

Message-ID: <002e01c5cc39\$22ab9700\$6401a8c0@akorn.net>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Radial vs axial Caps
Date: Sat, 8 Oct 2005 14:50:18 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> There was some discussion on one of the lists concerning a
caution on
> bending the leads of

> a radial capacitor 90 degrees and using it to replace an
axial lead cap,
> could some one give
> me the reference or information. BTW I do agree don't do
it.

Hi Breck,

Is this like the myth that old paper caps can't be replaced
with ceramic caps without altering sound quality, or is
there something reasonable, factual, and/or logical
involved?

The only problems I could imagine would be bending the
positive lead over against the case insulation and having it
arc through, or as John said breaking the lead off.

I wouldn't hesitate a second using a radial cap if that was
all I had.

73 Tom

To: Old Tube Radios <boatanchors@theporch.com>
Subject: meters for transmitters for sale
MIME-Version: 1.0
Message-ID: <0F02DE27A2.E1BDF576-
ON88257094.007DCFB0-86257094.007F70C5@philips.com>
From: Brian K Harris <brian.k.harris@philips.com>
Date: Sat, 8 Oct 2005 18:10:07 -0500
Content-Type: multipart/alternative; boundary="=_alternative 007F70C286257094_="

This is a multipart message in MIME format.

--=_alternative 007F70C286257094_
Content-Type: text/plain; charset="US-ASCII"

I've been going through my meters and found some I won't likely use.

1. Set of three matching meters - General Electric - square faces with
stylish case - 0-3KV DC (1 mA movement), 0-500 mA and 0-10VAC (glass is
broken on this one) - 2.75" diameter hole - great for high power
transmitter - \$15 plus shipping from 75075
2. Set of three matching meters - unknown manufacturer - round faces -
0-100 mA, 0-50 mA, 0-10 mA - excellent condition - 2.125" diameter hole -
excellent for low power transmitter - \$10 plus shipping from 75075

3. Marion Instruments - 1 mA movement - scales of 0-250, 0-500 and 0-1000
- round face - excellent condition - 2.125" diameter hole - excellent for
compact high power transmitter - \$5 plus shipping from 75075.

Brian WA5UEK

--=_alternative 007F70C286257094_
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *  
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*      is not set to send PLAIN TEXT ONLY and needs adjusting *  
* * * * *
```

--=_alternative--

To: Old Tube Radios <boatanchors@theporch.com>
Subject: meters for transmitters for sale
MIME-Version: 1.0
Message-ID: <0F37FD0436.E2AD75D3-
0N88257094.0080AFB0-86257094.0080F9CF@philips.com>
From: Brian K Harris <brian.k.harris@philips.com>
Date: Sat, 8 Oct 2005 18:26:54 -0500
Content-Type: text/plain; charset="US-ASCII"

I've been going through my meters and found some I won't likely use.

1. Set of three matching meters - General Electric - square faces with
unique pattern on case - 0-3KV DC (1 mA movement), 0-500 mA and 0-10VAC
(glass is broken on this one) - 2.75" diameter hole - great for high power
transmitter - \$15 plus shipping from 75075

2. Set of three matching meters - unknown manufacturer - round faces -
0-100 mA, 0-50 mA, 0-10 mA - excellent condition - 2.125" diameter hole -
excellent for low power transmitter - \$10 plus shipping from 75075

3. Marion Instruments - 1 mA movement - scales of 0-250, 0-500 and 0-1000
- round face - excellent condition - 2.125" diameter hole - excellent for
compact high power transmitter - \$5 plus shipping from 75075.

Brian WA5UEK

To: Old Tube Radios <boatanchors@theporch.com>
Date: Sun, 9 Oct 2005 01:31:38 -0400
Subject: Re: Audio OUtput xfmr (Halli SR-400)
Message-ID: <20051009.013139.784.5.k4pf@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: Edward Knobloch <k4pf@juno.com>

Hi,

I'd slap in any a.f. output transformer of the same dimensions as the original,
around 5000 Ohms primary, 3.2 Ohms voice coil and 500 Ohms secondary.
Say, a half-Watt rating or more. You're looking for a single-ended,
Class A audio transformer, meaning that there will be some unbalanced
d.c.
in the primary.

The Hammond 125SE line might be a good choice (but it doesn't have the
500 Ohms line):

<http://www.hammondmfg.com/125SE.htm>

You could always find a small "transistor" 600 Ohm to 3.2 Ohm transformer
to place backwards across the 3.2 Ohm line to feed the 500 Ohm connector.

The 500 Ohms tap is only needed if you plan to run a phone patch
or RTTY set-up.

73,
Ed Knobloch

On Sat, 8 Oct 2005 13:00:12 -0500 "Bob Kemp" <bkemp@bobkemp.com> writes:

> I'm in need of an audio output transformer
> for my SR400. The audio output tube is a
> 6AQ5 and I though antique electronic supply
> has a suitable replacement...but which one?
> Bob
>
>
>

Message-ID: <002c01c5ccd4\$b3c9b140\$31e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Audio Output xfmr (Halli SR-400)

Date: Sun, 9 Oct 2005 06:23:50 -0700

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

>You could always find a small "transistor" 600 Ohm to 3.2 Ohm
transformer
> to place backwards across the 3.2 Ohm line to feed the 500 Ohm connector.
.....

Not a big loss, no 500 ohm secondary. You can drive anything with a low impedance output. Just put about 20 ohms across the 3.2 ohm secondary when driving a high impedance load to protect the transformer and output tube from voltage spikes.

Arden Allen
KB6NAX

Message-ID: <004801c5ccd5\$5d339890\$31e47443@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Radial vs axial Caps

Date: Sun, 9 Oct 2005 06:28:35 -0700

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

> There was some discussion on one of the lists concerning a caution on
> bending the leads of a radial capacitor 90 degrees

This supposed myth I think comes from the world of manufacturing (which I've had some contact with) where dipped and molded parts are replaced if there is evidence of fracturing of the molding or separation of the meniscus from sealing a lead. The reason, of course, is to prevent moisture incursion.

But, as many of you have no doubt noticed, broken menisci are common in our consumer grade toys. For amateurs, the big problem is with epoxy dipped mica caps where moisture entry raises hell with the brass clips that contact the silver plating on the micas. Not so much of a problem with film tubulars like the orange things, nor with other types of parts where the internal metals are not easily savaged by moisture. Moisture always gets in anyway, it's just a matter of how much and how long it takes. That's why most of the paper caps in our BA's are no good any longer.

So, once again common sense rules.

Arden Allen
KB6NAX

End of BOATANCHORS Digest 3849
